

Receiving Report

Date: 11-8-10

Batch No: 138261

Supplier: KIX

Dart P/O: 37191

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☒ No ☐
 Receipt: Cash ☐ Cr ☒
 New Supplier Yes ☐ No ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☒
 QC18 Inspection ☐ N/A ☒
 Work Order ☐ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12

SP

Production/Admin:

Date _____

Received/Costing _____

Initial _____

Location _____



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO37191

Purchase Order Date 7/24/2017

PO Print Date 7/24/2017

Page Number 1 of 5

Order From :

VU-EC001

Ship To : DART AEROSPACE LTD

MONROE AEROSPACE
399 EAST DRIVE
MELBOURNE, FLORIDA 32904
USA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

1-321-727-0047

Ship To Contact

Ship To Phone

Ship Via:

FedEx Economy collect

Ship Acct:

Buyer

Diane Baker

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	AN3-3A	Bolt	7/31/2017 Yes 7/31/2017	FN	25.00 Each	\$0.07	\$1.75
Line Total:							\$1.75
2	AN3C43A	Bolt	7/31/2017 Yes 7/31/2017	FN	12.00 Each	\$25.00	\$300.00
Line Total:							\$300.00
3	AN4-12	Bolt	7/31/2017 Yes 7/31/2017		25.00 Each	\$0.50	\$12.50

Note:

7/24/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO37191**

Purchase Order Date 7/24/2017

PO Print Date 7/24/2017

Page Number 3 of 5

Order From :

MONROE AEROSPACE
399 EAST DRIVE
MELBOURNE, FLORIDA 32904
USA

VU-EC001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

1-321-727-0047

Ship To Contact

Ship To Phone

Ship Via:

FedEx Economy collect

Ship Acct:

Buyer

Diane Baker

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

FCA (Free Carrier)

7	AN5-32A	Bolt	7/31/2017 Yes 7/31/2017	60.00 Each	\$0.68	\$40.80
Line Total:						\$40.80
8	AN6-17A	Bolt	7/31/2017 Yes 7/31/2017	10.00 Each	\$0.70	\$7.00
Line Total:						\$7.00
9	CR3213-5-03	Cherry Rivet	7/31/2017 Yes 7/31/2017	100.00 Each	\$0.45	\$45.00
Line Total:						\$45.00
10	MS21042L08	Nut	7/31/2017 Yes 7/31/2017	125.00 Each	\$0.15	\$18.75

Note:

7/24/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO37191

Purchase Order Date 7/24/2017

PO Print Date 7/24/2017

Page Number 5 of 5

Order From :

MONROE AEROSPACE
399 EAST DRIVE
MELBOURNE, FLORIDA 32904
USA

VU-EC001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

1-321-727-0047

Ship To Contact

Ship To Phone

Ship Via:

FedEx Economy collect

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Diane Baker

10127-2607

Net 30

USD

FCA - (Free Carrier)

14 NAS1149C0332R

WASHER

7/31/2017

Yes

7/31/2017

1,000.00

Each

\$0.02

\$20.00

Line Total:

\$20.00

15 71401-45

Procurement Quality
Clauses

7/31/2017

No

7/31/2017

1.00

\$0.00

\$0.00

Line Total:

\$0.00

PO Total:

\$547.20

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 PUBLIC LAW 101-592 FASTENER QUALITY ACT

A033 STATEMENT OF CONFORMITY/TEST RECORDS

FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

SPR-8-2

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr:

Change Date: 7/24/2017

**PACKING SLIP**

INVOICE #: 609067
DATE PRINTED: 8/7/2017
TIME: 1:03:33 PM
OF ITEMS: 2
PAGE: 1

TO: DART AEROSPACE LTD.
ACCTS. PAYABLE
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7
CANADA

ATTN: CHANTAL LAVOIE
Ph: 613.632.3336 Fax: 613.632.5246

SHIP TO: DART AEROSPACE LTD.
ATTN: RECEIVING
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7
Canada

INVOICE DATE: 8/7/2017

TERMS: NET 30

WEIGHT: 1.35

SHIP VIA: 113- FX INT ECONOMY

ORDER DATE: 7/25/2017

CUST PO: 37191

OF BOXES: 1

SHIP DATE: 8/7/2017

FOB: MELBOURNE, FL

SHIPMENT #: 0

SALES ORDER #: 538737

CUSTOMER #: 16754

AWB: 665770348539

YOUR MONROE ACCOUNT REP: Luis Sepulveda

ITEM	PART NUMBER/DESCRIPTION	SHIPPED	B/O	CD	UNIT PRICE	UOM
2	AN3C43A BOLT UNDRILLED S/S MFR: AFC LOT: 15320 Control #: 156722-3	12.00	0.00	NE		
8	AN6-17A BOLT MFR: AFC LOT: 26029 Control #: 156722-1	4.00	0.00	NE		

SPECIAL INSTRUCTIONS:

We Thank You For Your Continued Business!

MONROE TAX ID: 47-3784072

ECAS, LLC dba MONROE AEROSPACE

399 EAST DRIVE MELBOURNE, FL 32904 PH: 800.330.3975 FAX: 321.727.7331



MONROE TAX ID: 47-3784072

Invoice

INVOICE #: 609067
DATE PRINTED: 8/7/2017
TIME: 1:03:58 PM
OF ITEMS: 2
PAGE: 1

TO: DART AEROSPACE LTD.
ACCTS. PAYABLE
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7
CANADA

ATTN: CHANTAL LAVOIE
Ph: 613.632.3336 Fax: 613.632.5246

SHIP TO: DART AEROSPACE LTD.
ATTN: RECEIVING
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7
Canada

INVOICE DATE: 8/7/2017 TERMS: NET 30 WEIGHT: 1.35 SHIP VIA: 113- FX INT ECONOMY
ORDER DATE: 7/25/2017 CUST PO: 37191 # OF BOXES: 1
SHIP DATE: 8/7/2017 FOB: MELBOURNE, FL SHIPMENT #: 0
SALES ORDER #: 538737
CUSTOMER #: 16754 AWB: 665770348539 YOUR MONROE ACCOUNT REP: Luis Sepulveda

ITEM	PART NUMBER/DESCRIPTION	SHIPPED	B/O	CD	UNIT PRICE	UOM	TOTAL AMT
2	AN3C43A BOLT UNDRILLED S/S ECCN#: 9A991 SCHB#: 7318.15.2091 MFR: AFC LOT:15320	12.00	0.00	NE	25.0000	EA	\$300.000
8	AN6-17A BOLT ECCN#: 9A991 SCHB#: 7318.15.2000 MFR: AFC LOT:26029	4.00	0.00	NE	0.7000	EA	\$2.800
*** Order Complete ***							

SPECIAL INSTRUCTIONS:

We Thank You For Your Continued Business!

SPT 7-8-10

SUB TOTAL:	\$302.800
TAX TOTAL:	\$0.000
MISC CHARGE:	\$0.000
FREIGHT:	\$0.000
TOTAL:	\$302.80
	USD

ECAS, LLC dba MONROE AEROSPACE

399 EAST DRIVE MELBOURNE, FL 32904 PH: 800.330.3975 FAX: 321.727.7331



CERTIFICATE OF CONFORMITY

NO: 609067

BILL TO:

DART AEROSPACE LTD.
ACCTS. PAYABLE
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7

SHIP TO:

DART AEROSPACE LTD.
ATTN: RECEIVING
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7

CUSTOMER PO	SHIP DATE	AIRWAY BILL/TRACKING #
37191	8/7/2017	665770348539

PART NO:	Description	CND	QTY	S/L	
AN3C43A ✓	BOLT UNDRILLED S/S Customer Reference:	NE	12	2	LOT: 15320 MFR: AFC
AN6-17A ✓	BOLT Customer Reference:	NE	4	23	LOT: 26029 MFR: AFC

SPM 7-8-10

CONDITIONS: NE - New OH-OVERHAULED RP-REPAIRED SV-SERVICEABLE

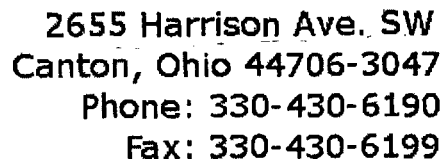
We hereby certify that the items that are a part of this Purchase Order have been visually & dimensionally found to conform to all applicable standards, drawings & specifications. The liability of ECAS, LLC is limited to replacement of any item which is rejected because of a defect in material or workmanship if notified within 30 days & liability shall not exceed the invoice value. Such replacement shall constitute satisfaction of all liability.

SIGNED:

For and on behalf of ECAS, LLC dba MONROE AEROSPACE

ECAS, LLC dba MONROE AEROSPACE

399 EAST DRIVE MELBOURNE, FL 32904 PH: 800.330.3975



ECAS

Quality Assurance Representative

[illegible]



AIRFASCO

INDUSTRIES

MANUFACTURER OF AEROSPACE PRODUCTS

2655 HARRISON AVE. SW
CANTON, OH 44706
PHONE: (330)430-6190
FAX: (330)430-6199

PHYSICAL AND CHEMICAL CERTIFICATION

DATE MFG.: 04/21/09

PART NO.: AN3C43A per NASM3C43A rev.1

AFC LOT NO.: 15320

QTY MFG.: 1.935

PROCUREMENT SPECIFICATION: Produced per NASM 6812

HEAT TREAT

VENDOR: Bodycote

CERTIFICATION NO.: 38-24247

PROCUREMENT SPECIFICATION: Heat Treat per AMS-H-6875

PLATING

VENDOR: AFC

CERTIFICATION NO.: 09-15320

PROCUREMENT SPECIFICATION: Passivate per AMS 2700. Method 2, QQ-P-35

MATERIAL

MILL: Ugine

COUNTRY OF MELT: France

HEAT: G9359

GRADE SPECIFICATION: Stainless Steel per MIL-S-18732. AMS 5628 F. Type 431 SS. .183"

431SS MATERIAL CHEMISTRY

ELEMENT-ID.	-C-	-MN-	-P-	-S-	-SI-	-NI-	-CR-	-MO-	-CU-	Other	Other
LADLE	.140	.560	.019	.008	.300	1.60	15.750	.050	.060	<.010	

PHYSICAL PROPERTIES

PHYSICAL	TENSILE	YIELD	SHEAR	HARDNESS
REQUIRED	2,210 lbs.	1,690 lbs.	2,125 lbs.	HRC 26-32
ACTUAL	3,212 lbs.	2,696 lbs.	2,457 lbs.	HRC 28-30

We hereby certify that the above data is correct and that the fasteners have been manufactured and inspected in accordance with Airfasco Industries quality requirements.

QS-082
Rev 0
2/15

Airfasco Industries
Quality Assurance Representative:


Wm. Dent

THE LEADING MANUFACTURER OF STAINLESS STEEL, NICKEL ALLOYS AND WELDING WIRE PRODUCTS
EXECUTIVE OFFICES: 370 FRANKLIN TURNPIKE, MAHWAH, NJ 07430-2258 PHONE 201-529-0900 FAX 201-529-1074 E-MAIL: sales@techalloy.com

PERTH, ON
ERIN, ON
DUMAS, AR
LANCASTER, SC

613-267-3752 FAX 613-267-3617
519-833-6532 FAX 519-833-2213
870-382-2980 FAX 870-382-6988
803-283-3353 FAX 803-283-6303



BALTIMORE, MD
UNION, IL
HOUSTON, TX
PERRIS, CA

410-633-8300 FAX 410-633-2125
816-923-2131 FAX 816-923-2125
713-468-1000 FAX 713-468-7425
951-657-2105 FAX 951-943-6061

UNION WIRE PLANT
OLSON & JEFFERSON STREET UNION, IL 60180-0423
TEL: 815-923-2131 FAX: 815-923-2120

CERTIFICATE OF CONFORMANCE

SOLD
TO

UGINE STAINLESS AND ALLOY
1047 DOUGLAS ROAD
BATAVIA, IL 60510
USA

SHIP
TO

UGINE STAINLESS AND ALLOY
1047 DOUGLAS ROAD
BATAVIA, IL 60510
USA

CUSTOMER'S PO NO.	TYPE OF CERT	CUSTOMER	TECHALLOY ORDER NO.	WORK ORDER	DATE SHIPPED
9004801 LINE 2	Customer	101564	1066928 1	4040498	9/12/05

SPECIFICATIONS:

ITEM DESCRIPTION		
DESCRIPTION	SPEC. CLASS	HEAT
Cold Heading 431 SKIN PASSED Satin .1830 Coils Std. Copper-Moly		G9359
	QTY SHIP 5263	044

CHEMICAL ANALYSIS						
C .140	MN .560	SI .300	P .019	S .008	CR 15.750	NI 1.600
MO .050	CU .060	CO < .050	AL < .010	TI < .010	N .063	CB < .010
V .040	W < .050	PB < .005	SN .008	TA < .010		

MECHANICAL PROPERTIES							
AS SHIPPED PROPERTIES:							
TENSILE 105.000 KSI MIN	TENSILE 109.000 KSI MAX						
AFTER HEAT TREAT PROPERTIES:							

RECEIVED
DEC 13 2005

The material as shipped is free from mercury contamination. I certify the chemical analysis and physical and mechanical test results reported above are correct as contained in the records of the company.

Very truly yours,
TECHALLOY

David M. Mager
AUTHORIZED SIGNATURE



A DIVISION OF J.T. ADAMS CO., INC.

4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Airfasco Industries Inc.
2655 Harrison Ave. SW
Canton OH 44706

Job No.: 1506-30-1924
Date: 7-7-15
Cust. PO#: 61955

Description: 1 sample Mill: Ugine Country of Melt: France
Material: 431 SS Heat# G9359
Spec: AMS 5628F

TEST RESULTS

Product Analysis of Elements in % (OES per TTML C-01J & Leco per TTML C-03G):

	<u>Actual</u>	<u>Requirements</u>
Carbon	0.16	0.12-0.17
Manganese	0.57	0.30-0.80
Phosphorus	0.022	0.040 Max.
Sulfur	0.009	0.030 Max.
Silicon	0.36	0.20-0.60
Chromium	15.55	15.50-16.50
Nickel*	1.58	2.00-3.00
Molybdenum	0.06	0.25 Max.
Columbium	0.003	N/A
Aluminum	0.015	N/A
Copper	0.07	0.50 Max.
Vanadium	0.06	N/A
Titanium	<0.01	N/A
Leco Nitrogen	0.058	0.10 Max.

Per 3.1.1, when stock for heading is ordered, nickel content may be as low as 1.50 for bars and wire under 0.66" (16.8 mm) in nominal diameter.


Authorized Agent



Page 1 of 1
This Report May Not Be Reproduced Except in Full
This report represents Tensile Testing interpretation of the results obtained from the test and is not to be construed as a Guaranty or Warranty of the condition of the materials tested. Tensile Testing shall not be held liable for misinterpretation of conditions, loss, damage, injury or death arising from or attributable to delay preceding a test or subsequent to performance of a test.



Certification: 38-24247

Bodycote

BODYCOTE THERMAL PROCESSING . 5475 AVION PARK DRIVE . HIGHLAND HEIGHTS . OHIO 44143
TEL 440.473.2020 . FAX 440.473.0947 . www.bodycote.com

Cert No. 38-24247

Certified: 4/21/09

Bill To

Ship To

Airfasco Industries, Inc.
2655 Harrison Ave. SW
Canton, OH 44706

Ship To: 38-117500-117500
Airfasco Industries, Inc.
2655 Harrison Ave. SW
Canton, OH 44706

We are pleased to submit our CERTIFICATION OF HEAT TREATMENT of the following:

Order No 118067	PO Number 21339	PL Number	Received 4/17/09
Requirements			Value
Surface Hardness Min (HRC)			28.0
Surface Hardness Max (HRC)			31.0
Qty 1935	Wgt 71	Part No. AN3C43A	Part Name Lot 15320
Material 431			
Part Description Heat Treat per AMS-H-6875A, po and print			
1935	71	Total	

We hereby certify that the parts described above were given the Heat Treatment prescribed by the customer, and that temperatures and test results were obtained with standard approved methods.

Recorded Values	Value
Surface Hardness Min (HRC)	28.0
Surface Hardness Max (HRC)	30.0

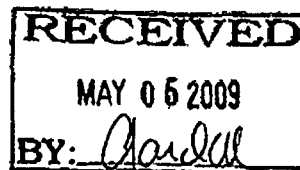
The above information was determined either by sampling an actual part or an appropriate test piece. The sample is representative of the entire order identified above. This sample was found to conform to all stated heat treat specifications.
Pertinent data will be kept on file for 7 years.

Bodycote - Highland Heights , Ohio.

Certified: 4/21/09

By: Danni Harvey, Quality Representative

Danni Harvey



**2655 Harrison Ave. SW
Canton, Ohio 44706-3047
Phone: 330-430-6190
Fax: 330-430-6199**

CERTIFICATE OF CONFORMANCE

ECAS

I Hereby Certify that on 08/04/2017 Airfasco Industries provided the supplies called for by Contract/ PO Number FL80215 in accordance with all applicable requirements for shipment. I further state that the process certifications are in conformance with the contract requirements, including specifications and/or drawings, physical item identification (part number) and the quantity shown on this or attached acceptance document. The part numbers certified below have been manufactured in the United States. DFAR 252.225-7009 compliant in fastener base raw material melt source only, with heat number and country, does not include the post cadmium metal plating.

Quality Assurance Representative


WM. DENT

[illegible]



2655 Harrison Ave. SW
Canton, Ohio 44706-3047
Phone: 330-430-6190
Fax: 330-430-6199

PHYSICAL AND CHEMICAL CERTIFICATION

DATE MFG.: 07/08/16 PART NO.: AN6-17A per NASM6-17A rev.3
AFC LOT NO.: 26029 QTY MFG.: 47,200
PROCUREMENT SPECIFICATION: Produced per NASM 6812

HEAT TREAT

VENDOR: Brite Metal CERTIFICATION NO.: 172337
PROCUREMENT SPECIFICATION: Heat Treat per AMS 2759

PLATING

VENDOR: Cleveland Plating CERTIFICATION NO.: 508238
PROCUREMENT SPECIFICATION: Cadmium Plate per AMS-QQ-P-416 E. Type II, Class 2

MATERIAL

MILL: Arcelor Mittal COUNTRY OF MELT: USA HEAT: C116536
GRADE SPECIFICATION: Alloy Steel per AMS 6300 E. Type 4037, .472"

4037 MATERIAL CHEMISTRY											
ELEMENT-ID.	-C-	-MN-	-P-	-S-	-SI-	-NI-	-CR-	-MO-	-CU-	-AL-	Other
LADLE	.390	.830	.005	.009	.210	.010	.040	.238	.020	.032	

PHYSICAL PROPERTIES				
PHYSICAL	TENSILE	YIELD	SHEAR	HARDNESS
REQUIRED	10,100 lbs.	7,740 lbs.	8,280 lbs.	HRC 26-32
ACTUAL	12,856 lbs.	12,380 lbs.	8,870 lbs.	HRC 29-30

We hereby certify that the above data is correct and that the fasteners have been manufactured and inspected in accordance with Airfasco Industries quality requirements.

QS-082
REV 0
2/15

Airfasco Industries
Quality Assurance Representative:

T. West

Certificat d'essai/Test Certificate

ArcelorMittal

Usine de Contrecoeur Est / Contrecoeur East works

Vendue à - Sold to G3 STEEL GROUP LLC 1633 Kirkton TROY MI 48083 ETATS-UNIS	Expédié à - Shipped to Republic Steel Wire Processing, LLC 31000 Solon Road SOLON OH 44139-3489 USA
---	---

No de com. Sale order 145446	No de bon de comm. Customer Order HB306	Connaissance Bill of lading 80822214	Date expé. Date shipped 2015/08/06	Date du cert Certificate Date 2015/08/06	No de Certificat Certificate no 0000362323
------------------------------------	---	--	--	--	--

Article Description Item	No Matériel Material No	No pièce Part No	Poids expédié Weight	Coulée Heat
000001 Cold Heading Qual WR, Green Rod 4037 SEFG, 0.472" - 12.00mm G3 STEEL SPECIFICATIONS	21001057	0000000000	47,759LB	C116536__1

ANALYSE CHIMIQUE-CHEMICAL ANALYSIS (%)

Coulée/Heat:	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	Alt	Als
C116536__1	0.39	0.63	0.005	0.009	0.21	0.02	0.01	0.04	0.238	0.003	0.000	0.033	0.032
Coulée/Heat:	N	Sn	Ti	B	Ca	Pb	As	Co	Sb	Bi	D.I.	C.E.	#Dev
C116536__1	0.0038	0.001	0.001	0.0003	0.0024	0.000	0.001	0.002	0.000		1.71		

Remarques/Remarks:

The chemical analysis was performed at ArcelorMittal Montreal Inc. laboratory, 3900 route des Aciéries, Contrecoeur (Québec) J0L 1C0 Canada. The laboratory is accredited by the Standards Council of Canada according to ISO-17025 (certificate no 270) as a testing laboratory for methods ASTM E415 and ASTM E1019. The test certificate shall not be reproduced except in full, without written approval of the laboratory.

We hereby certify that the material shipped on the above order has been tested and or inspected in compliance with the above noted material specification.

Signature:

Métallurgie (A/Q)

Métallurgie (Q/A)

Michel Trudeau



A DIVISION OF J.T. ADAMS CO., INC.

4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 841-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Airfasco Industries Inc.
2655 Harrison Ave. SW
Canton OH 44706

Job No.: 1604-22-1265
Date: 5-3-16
Cust. PO#: 62661

Description: 1 sample ID: G3-Arcelor Mittal
Material: 4037 Heat# C116536
Spec: AMS 6300E

TEST RESULTS

Product Analysis of Elements in % (OES per TTML C-01J):

	<u>Actual</u>	<u>Requirements</u>
Carbon	0.35	0.35-0.40
Manganese	0.84	0.70-0.90
Phosphorus	0.003	0.040 Max.
Sulfur	0.011	0.040 Max.
Silicon	0.22	0.15-0.35
Chromium	0.03	0.20 Max.
Nickel	0.01	0.25 Max.
Molybdenum	0.25	0.20-0.30
Columbium	0.002	N/A
Aluminum	0.035	N/A
Copper	0.03	0.35 Max.
Vanadium	0.002	N/A
Titanium	0.003	N/A

The above conforms to specifications listed.


Authorized Agent



Page 1 of 1

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This report represents Tensile Testing interpretation of the results obtained from the test and is not to be construed as a Guarantee or Warranty of the condition of the materials tested. Tensile Testing shall not be held liable for misinterpretation of conditions, loss, damage, injury or death arising from or attributable to delay preceding a test or subsequent to performance of a test



BRITE METAL

CERTIFICATION OF PROCESS

CUSTOMER: AIRFASCO INDUSTRIES, INC
2655 HARRISON AVE SW
CANTON OH 44706

THIS IS TO CERTIFY THAT BRITE METAL INC. HAS PROCESSED THE FOLLOWING MATERIAL IN ACCORDANCE WITH THE MOST WIDELY ACCEPTED METALLURGICAL PROCEDURE.

PO #: 62721 **WEIGHT:** 3,655 **NO. BINS:** 1 **NO. PCS:** 49,800
PN#: AN6-17A **LOT#:** 26029 **MATERIAL#:** 4037
BM ORDER NO: 172337 **CORE HARD SPECS:** HRC 28-32
PROCESS TO: AMS 2759

DATE RECEIVED: 05/19/16

DATE SHIPPED:

HEAT TREATING TEST RESULTS

CORE HARDNESS: _____ **RC 29 / 30** _____

SURFACE HARDNESS: _____ **RC 29 / 30 @.003** _____

CASE DEPTH: _____ **N/A** _____

CORE HARDNESS AS QUENCHED: _____ **N/A** _____

INSPECTOR: _____ **SK** _____

DATE: _____ **6-10-16** _____

CLEVELAND PLATING, LLC
TEST CERTIFICATION

CUSTOMER: AIRFASCO INC
AIRFASCO INC
2655 HARRISON AVE SW
CANTON, OH 44706

ORDER #: 62789

FINISHED PRODUCT DESCRIPTION

AIRFASCO PART#: AN6-17A
CAD YELLOW .0003
AMS QQP416E TY 2 CLASS 2
CERTIFICATION FOR PROCESS

CERTIFICATION DATE: 07/06/16

LOT #: 26029

CP #: 508238

SAMPLING PLAN: Per Cleveland Plating Control Plan, Section 1.5 based on ASTM F1470

Lot Size: 47,200 pcs. + 3,459 lbs.

Number of Pieces Tested: 15

COATING THICKNESS: Tested in accordance with ASTM B499/ASTM E376

Average = .00031 IN.

CORROSION RESISTANCE: Chamber operated in accordance with ASTM B117

☒ Processed to meet (to comply with salt spray test)

☐ Tested

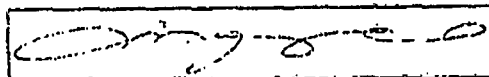
ALL PARTS SAMPLED AND TESTED AFTER FINISHING EXCEPT AS FOLLOWS:

STRESS RELIEF/HYDROGEN EMBRITTLEMENT RELIEF:

Pre-Bake Temperature (F): FOR HRS

Post Bake Temperature (F): FOR HRS

The purchase order stated above was processed in accordance with Cleveland Plating's QA Manual Rev 01_032415.
A sample of the above material has passed the tests required by the purchase order and conforms to the listed
Goods delivered do not contain nor have come in contact with mercury, mercury compounds, or with any mercury containing device,
finishing specification. This certification shall not be reproduced without the approval of Cleveland Plating, LLC.



APPROVED BY:

1028 East 134th Street - Cleveland, OH 44110 • PH (216) 249-0300 • FAX (216) 249-0303
www.clevelandplating.com

AIRFASCO Industries

2655 Harrison Avenue SW Canton, OH 44706

Nondestructive Testing Certification Wet Fluorescent Magnetic Particle Inspection Technique

Part Data

Part Number	Lot Number	Dimensions	Part Description
AN6-17A	26029	.3750-24 X 1.953	BOLT-MACHINE, AIRCRAFT

Reference Data

Specification	Procedure Number	Acceptance Criteria
ASTM E1444	MT-1	No Cracks, NASM6812

Inspection Equipment Data

Model Number	Manufacturer	Serial Number
H-800 Retro	Magnaflux Corporation	91R00150

Inspection Material Data

Particles	Mfr	Batch No.	Carrier	Mfr	Batch No.
14A	Magnaflux	16A065	MG II	Magnaflux	16B084

Technique Data

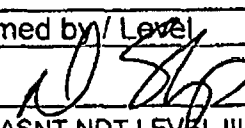
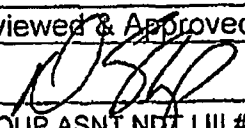
Type Current	Circular Field		Longitudinal Field	
	Headshot Amps	Central Conductor Amps	Coil shot Amps	Coil Turns
FWDC	250	N/A	1540	5

Particle application by the flow method, continuous technique
Demagnetization performed by the AC Coil method, Residual field +/- 3

Inspection Results

Lot Size	Inspection Sample Size	Quantity accepted	Quantity rejected
47200	80	80	0

Notes:

Performed by/ Level	Reviewed & Approved by:	Date
 D. SHOUP ASNT NDT LEVEL III	 D. SHOUP ASNT NDT LIII #176608	7/11/16